



HILLSIDE PRIMARY SCHOOL-NAALYA

MID TERM TWO EXAMINATION 2024

PRIMARY FIVE

INTEGRATED SCIENCE

Time Allowed: 2 Hours 15Minutes

NAME.....

STREAM..... DATE.....

Read the following instructions carefully

1. The paper has two sections: A and B. Section A has 40 questions and Section B has 15 questions
2. Answer all questions. All answers to both sections A and B must be written in the spaces provided.
3. All answers must be written using a blue or black ball-point pen or fountain pen. Any work written in pencil other than graphs and diagrams will not be marked
4. Unnecessary changes in work may lead to loss of marks.
5. Any handwriting that cannot easily be read may lead to loss of marks.
6. Do not fill anything in boxes indicated: "For Examiners' Use Only" and those inside the paper.

| FOR EXAMINERS' USE ONLY | | |
|------------------------------------|--------------|---------------------|
| Qn. No. | MARKS | EXRS' NO |
| 1-10 | | |
| 11-20 | | |
| 21-30 | | |
| 31-40 | | |
| 41- 43 | | |
| 44- 46 | | |
| 47- 49 | | |
| 50- 52 | | |
| 53- 55 | | |
| TOTAL | | |

SECTION A

1. Name the food value obtained from eating honey.

.....
.....

2. Mention any one reason why animals move from one place to another.

.....
.....

3. State one importance of the brain in the human body.

.....
.....

4. How is dehydration important to a crop farmer?

.....
.....

5. Name the gas used in preserving bottled drinks.

.....
.....

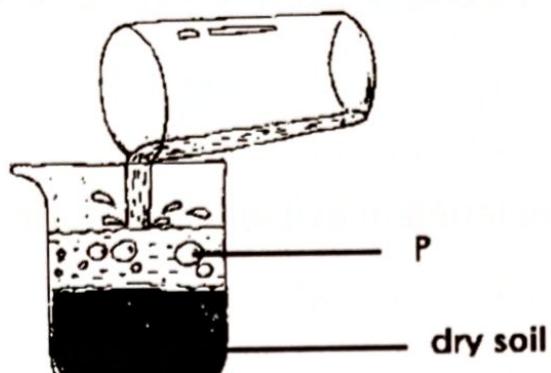
6. Which infant immunisable disease causes lameness?

.....
.....

7. State the sense organ for tasting in human beings

.....
.....

The diagram below shows an experiment which was carried out by a P.5 class. Study it carefully and use it to answer questions 8 and 9.



8. What does the experiment prove about soil?

.....
.....

9. Name the part marked P?

.....
.....

10. Mention one way in which the ileum is adapted to food absorption.

.....
.....

11. Name the type of bees which develop from unfertilized eggs.

.....
.....

12. What do bees get from flowers?

.....
.....

13. Give one effect of parasites in poultry.

.....
.....

14. Mention any one protective material used by a honey harvester.

.....
.....

15. Name any one type of fracture in human health.

.....
.....

16. Give any one product obtained from poultry.

.....
.....

17. Mention the effect of overcrowding of bees in a hive

.....
.....

18. Mention one activity done in the community to prevent the spread of malaria.

.....

.....

19. Why do poultry farmers keep use litter in the deep litter house?

.....

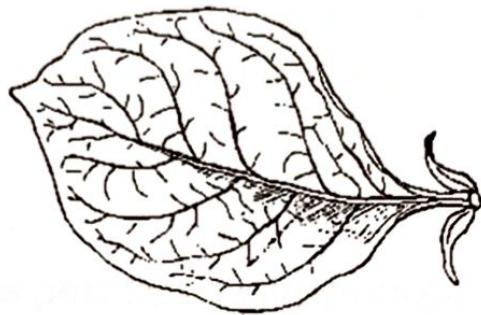
.....

20. Name the intestinal worm that causes anaemia.

.....

.....

21. Identify the type of **leaf venation** shown in the diagram below.



.....

22. Mention one way of making water safe for drinking?

.....

.....

23. Give one example of a flowering plant in the environment

.....

.....

24. Name one example of a social insect.

.....
.....

25. How do tape worms enter the human body?

.....
.....

26. How can too much rain be a danger in the environment?

.....
.....

27. Give one way how sand soil is used in industries.

.....
.....

28. Name the highest clouds in the sky.

.....
.....

29. Mention any one pest that destroys crops.

.....
.....

30. State any one reason why farmers keep records.

.....
.....

31. Mention one reason why plants with weak stems climb others.

.....
.....

32. Give one way how plants depend on animals.

.....
.....

33. Which mineral hardens bones and teeth?

.....
.....

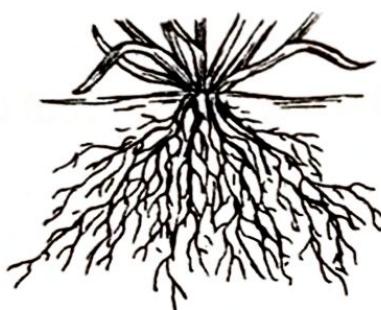
34. Suggest one way of caring for poultry.

.....
.....

35. To which group of living things does a mushroom belong?

.....
.....

36. Identify the type of root system shown in the diagram below.



.....
.....

37. Why do some plants shed their leaves in the dry season?

.....
.....

38. Name anyone living thing found in the school compound.

.....
.....

39. State any one cause of road accidents in uganda.

.....
.....

40. Why do earthworms come out of the soil immediately after it has rained?

.....
.....

SECTION B :(60 marks)

41. a) What is a balanced diet?

.....
.....

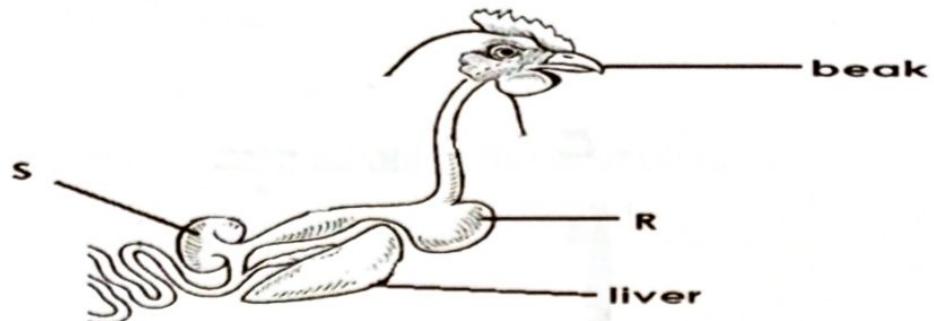
b) Mention two food values needed in the body.

- (i).....
(ii).....

c) Identify a disease a person is likely to suffer from due to lack of iodine in the diet.

.....

42. The diagram below shows the alimentary canal of a bird.
Use it to answer questions that follow.



- a) Name the parts marked **R** and **S**

i) **R**.....

ii) **S**.....

- b) Give the use of the grit found in part **S**

.....
.....

- c) Mention any one function of the beak to a bird.

.....
.....

43. a) What do we call the vertical arrangement of soil layers?

.....
.....

- b) Why is loam soil the best layer for crop growing?

.....
.....

c) Apart from top soil, name any other two layers of soil.

- i)
- ii)

44. a) Mention two components of the environment.

- i).....
- ii).

b) Name the type of soil used to;

- i) make ceramics

.....

- ii) make glass

.....

45. The diagram below shows an infant with some immunization sites. Study it and answer the questions that follow.



a) Name the vaccine given to infants at the immunization site marked Z and M

- i) Z.....
- ii) M.....

b) At what age is the vaccine at site marked Z given to infants?

.....
.....

46. a) What is germination?

.....
.....

b) Mention two conditions for seed germination

- i)
- ii)

c) Give one type of germination.

.....
.....
.....

47. a) What is dehydration?

.....
.....

b) Give one cause of dehydration in babies.

.....
.....

c) State any two signs of a dehydrated child.

- i)
- ii)

48. a) Mention any one example of a traditional bee hive.

.....

b) Give any two products obtained from bees

i).....

ii)

c) Mention one duty of the queen bee.

.....

49. a) Write down any one exotic breed of rabbits kept in Uganda.

.....

b) How long is the gestation period of a doe?

.....

c) Mention any two diseases that attack rabbits.

i).....

ii).....

50. a) How are the following teeth useful when eating food?

i) Incisors.....

ii) Canines.....

b) State any one way of caring for the teeth.

.....

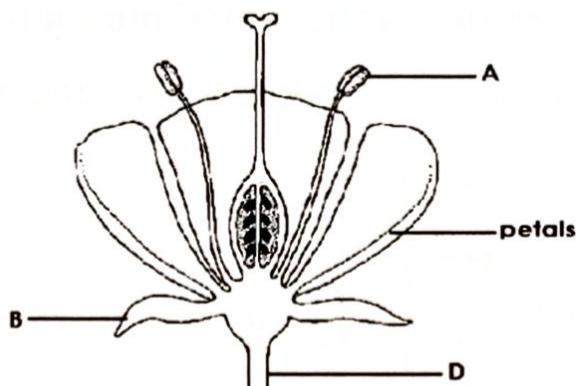
.....

c) Give one disease of the teeth.

.....

.....

51. The diagram below shows parts of a flower. Use it to answer the questions that follow.



a) Identify the parts labeled A and B.

- i) A.....
- ii) B.....

b) Of what importance are petals to a flower?

.....
.....

c) State one use of flowers to people.

.....
.....

52. a) What is air?

.....
.....

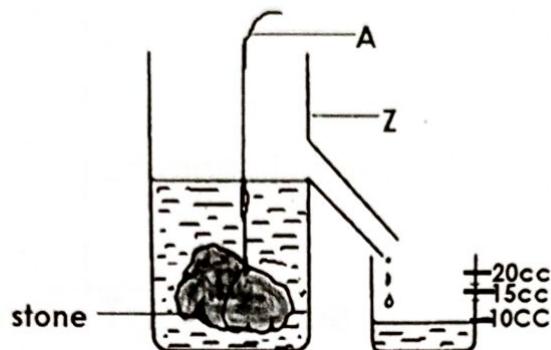
b) Give two components of air

- i).....
- ii).....

c) Which component of air is used in fire extinguishers?

.....

53. The diagram below shows an experiment carried out by a P.5 class, use it answer questions that follow.



a) Name the structures marked Z and A

Z.....

A.....

b) Which method of finding volume is shown above?

.....

.....

c) What is the volume of the stone in the experiment?

.....

.....

54. Study the diagram below and fill the gaps correctly.

| Disease | Germ | Vector |
|-------------------|-------------------|---------------------------|
| | Plasmodium | Female anopheles mosquito |
| Cholera | | Housefly |
| | Salmonella typhus | Housefly |
| Sleeping sickness | Trypanosome | |

55. Match the weather instruments in list A with their functions

List A

Rain gauge

Barometer

Wind vane

Hygrometer

List B

measures humidity

shows direction of wind

measures atmospheric pressure

measures the amount of rainfall

- i) Rain gauge.....
- ii) Barometer.....
- iii) Wind vane.....
- iv) Hygrometer

END.



HILLSIDE PRIMARY SCHOOL-NAALYA

MID TERM TWO EXAMINATION 2024

PRIMARY SIX

INTEGRATED SCIENCE

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SECTION A (40 MARKS)

1. Name the best soil for making ceramics.

.....

2. Why should a person preparing ORS first wash their hands?

.....

3. What do we call a mixture of two or more metals?

.....

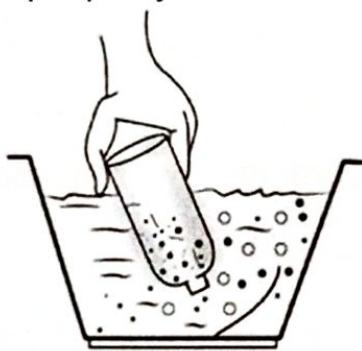
4. State one importance of ossicles in the human ear.

.....

5. Name the sense that enables one to know whether there is enough tea in sugar.

.....

6. State the property of air illustrated in the diagram below.



.....

7. How is dehydration important to a crop farmer?

.....
.....

8. In which way is the rib cage similar to the gill cover in terms of function?

.....
.....

9. Why do chameleons change their skin colour?

.....
.....

10. What do we call the written information by a health worker on how to use a certain drug?

.....
.....

11. Name any one instrument used to measure the mass of Object.

.....
.....

13. State one type of fracture.

.....
.....

14. Why are people encouraged to cut their finger nails short?

.....
.....

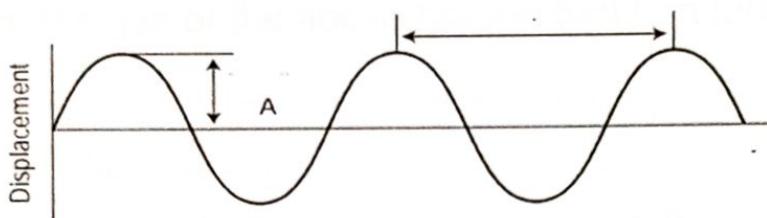
15. Which force pulls objects towards the centre of the earth?

.....

16. Name the food deficiency disease caused by lack of vitamin A in the body.

.....

17. The diagram below shows a sound wave. What name is given to distance marked A?



.....

18. Mention one quality of a good poultry house.

.....
.....

19. Give any one cause of soil erosion.

.....
.....

20. State the function of the red blood cells in the body.

.....

21. Name the gas used by plants to make proteins.

.....

The diagram below is of a garden tool. Use it to answer question 22.



22. State the use of the above garden tool to a farmer.

.....
.....

23. Why do some farmers rear angora goats?

.....
.....

24. State one effect of alcoholism to the family.

.....
.....

25. How does crop rotation help to control crop pests?

.....
.....

26. What happens to the volume of water when it turns into ice?

.....
.....

27. State one way a person can acquire natural immunity.

.....
.....

28. How does the practice of brick making encourage the spread of malaria?

.....
.....

29. Point out one use of the window on a house.

.....
.....

30. Briefly define the term vulnerable groups of people.

.....
.....

31. State the importance of halteres to a house fly.

.....
.....

32. Which type of weather makes electric wires to appear tight?

.....
.....

33. Why is yeast used to make alcohol?

.....
.....

34. Name the childhood immunizable disease that spreads through drinking contaminated water.

.....

35. Give any one reason why a crocodile is called a reptile.

.....
.....

36. State one characteristic of insect pollinated flowers.

.....
.....

37. Why are we able to see white objects at a distance?

.....
.....

38. Why is a vacuum not regarded as matter?

.....
.....

39. Name one enzyme found in the duodenum.

.....
.....

40. Why can't honey go bad?

.....
.....

SECTION B (60 MARKS)

Questions 41 to 55 carry four marks each.

- 41.** Swarming refers to the movement of a large group of bees from place to another.

(a) Give any two causes of swarming in bees.

(i)

.....

(ii)

.....

(b) State one method used by a farmer to stock his bee hive.

.....

(c) Mention one condition that can force a farmer to feed his bees.

.....

.....

- 42. (a)** Identify the method of making alcohol that involves evaporation and condensation.

.....

(b) State any two excuses given by some people as the reasons why they drink alcohol.

(i)

(ii)

(c) Mention any one body organ that is damaged by excessive consumption of alcohol.

.....

43. (a) What is soil fertility?

.....

.....

(b) Name the component of soil formed by;

(i) Decomposition

.....

(ii) Weathering

.....

(c) Which type of soil has the highest rate of capillarity?

.....

44. (a) Write down two examples of diarrhoeal diseases.

(i)

(ii)

(b) Give any two ways of controlling the spread of diarrhoeal diseases in an area.

(i)

(ii)

45. Elements of PHC are the programmes organized on how to deal with population and health concerns.

(a) Name two elements of PHC that deal with controlling diseases among people.

(i).....

(ii).....

(b) Why is primary immunization of children carried out free of charge in Uganda?

.....
.....

(c) Write UNEP in full.

.....
.....

46. (a) Give two examples of internal parasites of human beings.

(i).....

(ii).....

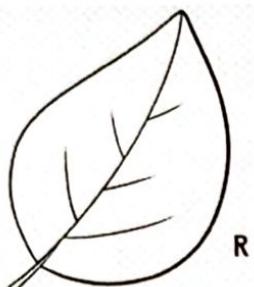
(b) State any one effect of internal parasites in human beings.

.....
.....

(c) Mention one way of controlling internal parasites from entering our bodies.

.....
.....

47. The diagrams below show types of leaves. Study and use them to answer questions that follow.



R



s

(a) Name the type of leaf marked R and S.

R.....

S.....

(b) Apart from leaves, name two parts of a plant that develop from the stem.

(i)

(ii)

48. (a) Mention any two types of pollution.

(i)

(ii),

(b) Write down any one example of soil pollutant.

.....

(c) How do trees help to purify air?

.....

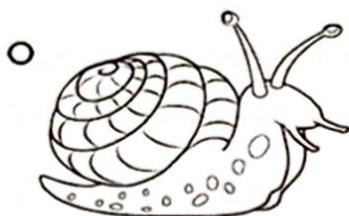
49. Give one example of each of the following groups of crops;

(a) Bulbs.....

(b) Root vegetable

- (c) Legumes.....
- (d) Cereal crops

50. Below are the diagrams of some invertebrates use them to answer questions that follow.



(a) Name the organisms marked with letters O and P.

- (i) O.....
- (ii) P.....

(b) Mention two importance of insects to people

- (i).....
- (ii).....

51. Mycology is the study of fungi. Examples of fungi in the environment include; mushrooms, moulds, puff balls, bracket fungi.

(a) Name any one fungus that is missing in the list given above.

.....

(b) How do most fungi reproduce?

.....

(c) State two uses of fungi to people.

(i)

(ii)

52. Weather is the state of the atmosphere recorded for a short period of time.

(a) Name any two weather instruments that are used to determine the effects of wind in the environment.

(i)

(ii)

(b) Mention one activity carried out by farmers to control negative effects of drought on their crops.

.....

c) Why is it important for crop farmers to have enough information about the future weather conditions?

.....

53. (a) Name the type of teeth illustrated below.



(b) State the function of the tooth marked A.

.....

(c) State one way of caring for the teeth

.....

54. (a) Name two devices used to store sound.

(i)

(ii)

(b) State one factor that affects the speed of sound.

.....

(c) Name one animal that finds its way with the help of echo.

.....

55. Match the list in A to those in B correctly.

A

B

- | | | |
|-------|----------|-------------|
| (i) | Moth | grub |
| (ii) | Bee | wriggler |
| (iii) | Housefly | maggot |
| (iv) | Mosquito | caterpillar |

CORRECT ORDER

- | | | |
|-------|----------|-------|
| (i) | Moth | |
| (ii) | Bee | |
| (iii) | Housefly | |
| (iv) | Mosquito | |

END